

Sage and Juniper Removal Project

Getting Started

- Funding obtained
- Sites determined
- NEPA conducted
- Bids obtained
- Herbicide applied
- Measurements and results

Contributors

- U.S. EPA
- USDA
- BIA
- U.S Fish & Wildlife
- Natural Resources Department

Where?

- Areas where juniper and sage are encroaching on grasslands

Why?

- Help stop the encroachment of less desirable species
- Encourage growth of native species
- Provide forage for livestock and wildlife
- Helps prevent erosion and sediment loading to surface and ground water

"THE CREW"

(Management measures being used and on the ground work being done)



How we did it



Project Sites

- Little National/Number 11
- Common Use Pasture/Mustang Tank
- Robbers Roost
- Trail Tank
- Matuck Tank
- Laguna

Juniper Sites



Sage Sites

















Before



After



Before



After



Any Water Quality Changes Due to the Project Implementation?

- These initial sites were conducted away from large water bodies.
- However, we have noticed an increase in native grass species, that overtime, will increase soil stability and soil absorption.

Any Lessons Learned?

- Apply Spike when the wind is not blowing.
- Not only will the product land where you want it, it will kill the target plants in adjacent areas.
- Give and Take – Spike will effect valuable forage species as well

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